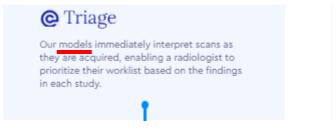
# Infringement of Claim 1 of U.S. Patent Number 8,687,879 by Enlitic

CLAIM LANGUAGE	Infringing Application		
1. A non-transitory computer program product for automating the expert quantification of image data comprising: a computer-readable medium encoded with computer readable instructions executable by one or more computer processors to quantify image sets comprising a locked evolving algorithm, wherein said locked evolving algorithm is generated by:	OUR MISSION  Bridge human and artificial intelligence to advance medical diagnostics to improve patient outcomes around the world.	hy, Enlitic is a San Francisco-based com By pairing world-class radiologists with the the world's most comprehensive clini the ctors to diagnose sooner with renowned the comprehensive clini the ctors to diagnose sooner with renowned the comprehensive clini the ctors to diagnose sooner with renowned the comprehensive clini the ctors to diagnose sooner with renowned th	OUR SOLUTION  Advanced technology that integrates seamlessly into any existing health system infrastructure to improve workflow, efficiency, and quality at scale.

obtaining a product algorithm for analysis of a first set of image data wherein said product algorithm is configured to recognize at least one entity within said first set of image data via a training mode that utilizes iterative input to an evolving algorithm obtained from at least one first user, wherein said training mode comprises:



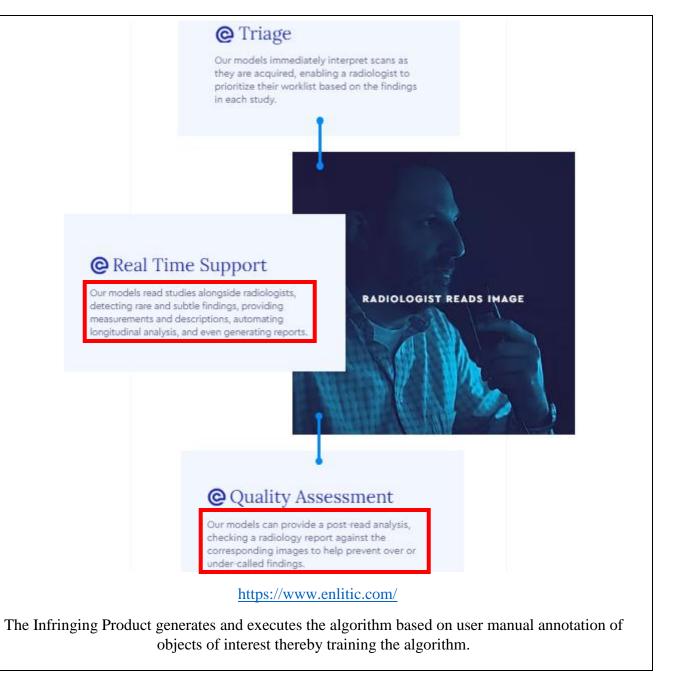
### https://www.enlitic.com/

The Infringing Product generates an algorithm based on user manual annotation of objects of interest thereby training the algorithm.

presenting a first set of said at least one entity to said user for feedback as to the accuracy of said first set of identified entities; obtaining said feedback from said user;

executing said evolving algorithm

using said feedback;



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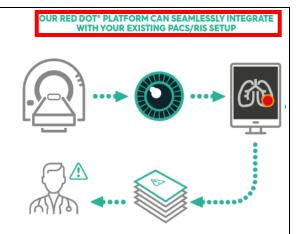
presenting a second set of said at least one entity to said user for feedback as to the accuracy of said second set of identified entities; obtaining approval from said user about said second set of entities; storing said evolving algorithm as a product algorithm; and storing said product algorithm for subsequent usage on said image set.



The Infringing product utilizes the machine learning i.e more than one set of data entity to the user for the feedback and training the algorithm.

#### **SEAMLESS INTEGRATION**

Using standard HL7 and DICOM messaging, the **red dot®** platform will retrieve, receive and process each CXR examination at the point of acquisition and send an electronic notification back to the Trust RIS (or PACS in a PACS driven reporting scenario) to indicate whether the examination is normal, or whether an abnormality has been indicated. This notification will prioritise the examination within the existing reporting worklists for urgent reporting. Messaging and CXR images are received via secure encrypted VPN to the **red dot®** platform, via the AI Gateway from the Trust RIS/PACS. All patient examination data resides in fully NHS accredited data centres



#### https://behold.ai/how-it-works/

The Infringing Product stores the evolving algorithm and runs the stored algorithm on all the data to automatically classify additional image of similar type/requirement.